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ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/5-2009

BOREHOLE No BH009
SHEET 1 of 1
REFERENCE No H10647

PROJECT BRUCE HIGHWAY (COOROY - CURRA) SECTION A GEOTECHNICAL INVESTIGATION
LOCATION Cut 8 COORDINATES 488365.2 E; 7080129.4 N
PROJECT No FG5825 SURFACE R.L. 113.36m PLUNGE DATE STARTED 13/10/09 GRID DATUM MGA94
JOB No 128/10A/901 HEIGHT DATUM AHD BEARING DATE COMPLETED 13/10/09 DRILLER Contract Drilling

DEPTH (m)	R.L. (m)	AUGER	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	INTACT STRENGTH							DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS				
								USC	WEATHERING	EH	VH	H	M	J					VL	EL	20	60
0	113.36					Gravelly FILL												- Driller's logs only				
	113.26					SILT Brown, dry.	(ML)															
	112.76				A	Silty CLAY Pale grey to mottled red iron stained, moist, stiff to very stiff. Intermediate plasticity.	(CH)											3.4,7 N=11	SPT			
1					Occasional iron cemented bands / kernels up to 20mm.																	
2					B Becoming more iron stained with depth.														3.6,8 N=14	SPT		
3					C															6,11,15 N=26	SPT	
4					D															5,11,17 N=28	SPT	
	108.86					SILTSTONE (XW): Generally exhibits the engineering properties of brown, moist, hard clayey silt.	XW															
5					E Becoming pale grey sandy silt with depth.															7,16,21 N=37	SPT	
6					F																5,15,20 N=35	SPT
7					G																4,11,15 N=26	SPT
	105.36																					
8					H	Interbedded SILTSTONE and MUDSTONE (XW): Brown, moist, hard	XW														5,9,14 N=23	SPT
	104.91					Borehole terminated at 8.45m																
9																						
10																						

QLD_DMR_LIB_01.GLB Log A. ENGINEERING BOREHOLE LOG, LITHOLOGY, FG5825 BRUCE HWY COOROY-CURRA SECTION A BHS.GPJ, DWG58012.GDW, Date: 13/10/2009 10:29

REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY JA